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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/512,012	11/12/2004		Gustav Fagrenius	47253-00048USPx	1956
23932	7590	07/13/2006		EXAMINER	
JENKENS	& GILC	HRIST, PC	NGO, HUNG V		
1445 ROSS SUITE 320		3	ART UNIT	PAPER NUMBER	
DALLAS,	-	2		2831	
				DATE MAILED: 07/13/200	6

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	:::
	10/512,012	FAGRENIUS ET AL.	
Office Action Summary	Examiner	Art Unit	. : :
	Hung V. Ngo	2831	
The MAILING DATE of this communication a	ppears on the cover sheet wit	th the correspondence address	
Period for Reply			: : '
A SHORTENED STATUTORY PERIOD FOR REF WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perion - Failure to reply within the set or extended period for reply will, by state that the period specified by the Office later than three months after the main earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNIC 1.136(a). In no event, however, may a re od will apply and will expire SIX (6) MON ute, cause the application to become AB.	CATION. : pply be timely filed THS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).	
Status			: :
1)⊠ Responsive to communication(s) filed on 24	April 2006.		
	nis action is non-final.		. !
3) Since this application is in condition for allow		ers, prosecution as to the merits is	. : .
closed in accordance with the practice under			
Diamonition of Claims		ar and a second	
Disposition of Claims			
4)⊠ Claim(s) <u>1-12</u> is/are pending in the application			
4a) Of the above claim(s) <u>6-12</u> is/are withdra	wn from consideration.		
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-5</u> is/are rejected.			
7) Claim(s) is/are objected to.	Van alaatian manuinamant '		
8) Claim(s) are subject to restriction and	or election requirement.		: : .
Application Papers		· 一般的解释。	
9) The specification is objected to by the Exami	ner.		: :
10)⊠ The drawing(s) filed on 24 April 2006 is/are:	a)⊠ accepted or b)☐ object	ted to by the Examiner.	
Applicant may not request that any objection to the	ne drawing(s) be held in abeyan	ce. See 37 CFR 1.85(a).	: ! .
Replacement drawing sheet(s) including the corre	ection is required if the drawing(s) is objected to. See 37 CFR 1.121(d).	: :
11) The oath or declaration is objected to by the	Examiner. Note the attached	Office Action or form PTO-152.	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign	gn priority under 35 U.S.C. §	119(a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of:1. ☐ Certified copies of the priority docume	nte have been received	*	· :
2. Certified copies of the priority docume		onlication No	: ;
3. Copies of the certified copies of the pr			
application from the International Bure	·	roosivou in uno vausia otago	. :
* See the attached detailed Office action for a li		received.	
			• ! :
			. : .
Attachment(s)			: : ;
1) Notice of References Cited (PTO-892) .		ummary (PTO-413))/Mail Date	
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 		formal Patent Application (PTO-152)	, .
Paper No(s)/Mail Date		_	*

Application/Control Number: 10/512,012

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DETAILED ACTION

Allowable Subject Matter

The indicated allowability of claims 1-5 is withdrawn in view of the newly discovered reference(s) to Seidler. Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 3, 5 are rejected under 35 U.S.C. 102(e) as being anticipated by Seidler (US 6,796,485).

Re claim 1, Seidler discloses

Providing a printed circuit board (100) with solder (col. 1, lines 54-59)

Providing a shielding can (10) with an extra amount of solder (70)

Placing the shield can (10) on the board (col. 2, line 33)

Heating the PCB and the shield can (reflowed step, col. 2, line 37)

Cooling the PCB and the shield can (col. 2, line 38)

Re claim 3, 5, see Figs 4, 5

Claim Rejections - 35 USC § 103

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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 2, 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Seidler.

The teaching of Seidler as discussed above does not disclose the extra amount of solder being provided by a bath of molten solder or a screen printing process. It is well known in the electrical art to use a bath of molten solder or a screen printing process. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Seidler by employing the bath of molten solder or a screen printing process for intended purpose.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung V. Ngo whose telephone number is (571) 272-1979. The examiner can normally be reached on Monday to Thursday 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean A. Reichard can be reached on (571) 272-2800 EXT 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HVN 07-08-06

> HUNG V. NGO PRIMARY EXAMINER